



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/781,712
Source: OIPE
Date Processed by STIC: 3/2/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/781,712

DATE: 03/02/2001
 TIME: 12:56:42

Input Set : A:\isph-520.txt
 Output Set: N:\CRF3\03022001\I781712.raw

**Does Not Comply
 Corrected Diskette Needed**

pg 1-2

OK

3 <110> APPLICANT: Crooke, Stanley T.
 4 . Lima, Walter
 5 Wu, Hongjiang
 7 <120> TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
 9 <130> FILE REFERENCE: ISPH-0520
 11 <140> CURRENT APPLICATION NUMBER: US/09/781,712
 11 <141> CURRENT FILING DATE: 2001-02-12
 11 <150> PRIOR APPLICATION NUMBER: US 09/684,254
 12 <151> PRIOR FILING DATE: 2000-10-06
 14 <150> PRIOR APPLICATION NUMBER: US 09/343,809
 15 <151> PRIOR FILING DATE: 1999-06-30
 17 <150> PRIOR APPLICATION NUMBER: US 09/203,716
 18 <151> PRIOR FILING DATE: 1998-12-02
 20 <150> PRIOR APPLICATION NUMBER: US 60/067,458
 21 <151> PRIOR FILING DATE: 1997-12-04
 23 <160> NUMBER OF SEQ ID NOS: 39
 25 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

1086 <210> SEQ ID NO: 39
 1087 <211> LENGTH: 20
 1088 <212> TYPE: DNA
 1089 <213> ORGANISM: Artificial
 1091 <220> FEATURE:
 1092 <223> OTHER INFORMATION: Antisense oligonucleotide
 1094 <400> SEQUENCE: 39
 1095 ccttaaaca ttttaatgtc

20

E--> 1098 1
 E--> 1101 2

delete at end of file

see next page for more errors

09/781,712

2

<210> 6
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<212> PRT
<213> Homo sapiens

<300>
<302> Human Type 2 RNase H

<309>

<310> US 6,001,653

<311> 1998-12-02

<312> 1999-12-14

<400> 6

use serial number, not patent number

(see 1,823 of new sequence table)

same error appears in sequences 7 through 11

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/781,712

DATE: 03/02/2001

TIME: 12:56:43

Input Set : A:\isph-520.txt

Output Set: N:\CRF3\03022001\I781712.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
 L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:309 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or MMM-YYYY, SEQ ID:6
 L:310 M:256 W: Invalid Numeric Header Field, Wrong PATENT DOCUMENT NUMBER:US NN/NNN,NNN
 L:382 M:285 W: Invalid Journal Date: Valid Formats:YYYY-MM-DD,MMM-YYYY or Season-YYYY, SEQ:7
 L:454 M:285 W: Invalid Journal Date: Valid Formats:YYYY-MM-DD,MMM-YYYY or Season-YYYY, SEQ:8
 L:455 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or MMM-YYYY, SEQ ID:8
 L:525 M:285 W: Invalid Journal Date: Valid Formats:YYYY-MM-DD,MMM-YYYY or Season-YYYY, SEQ:9
 L:526 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or MMM-YYYY, SEQ ID:9
 L:597 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or MMM-YYYY, SEQ ID:10
 L:670 M:285 W: Invalid Journal Date: Valid Formats:YYYY-MM-DD,MMM-YYYY or Season-YYYY, SEQ:11
 L:671 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or MMM-YYYY, SEQ ID:11
 L:1098 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:20 SEQ:39
 M:254 Repeated in SeqNo=39